DESIGNED IN GERMANY

ad notam®

TAILORED SOLUTIONS

EN
System of unit:
SI (mm)

HIDDEN TECHNOLOGIES

RECESSED TV

TAILORED

subject to modification, errors and omissions excepted * 05-2013 * V1.1

AD NOTAM - HIDDEN TECHNOLOGIES

ad notam MIRROR IMAGE - Technology becomes invisible

MIRROR IMAGE is the monitor system brought to you by ad notam, designed specially and exclusively to be installed with customized glass and mirror surfaces. Whether behind a crystal mirror or a Magic Mirror, MIRROR IMAGE turns a standard mirror into an infotainment mirror "communicating" with its surroundings, meeting the highest standards in image quality and glass design.

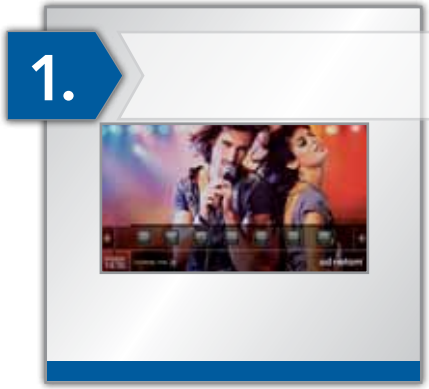
All ad notam monitor systems are custom-engineered display technology. They are exclusively designed to overcome the unique challenges of operating in ventilation deprived environments and to allow easy and adjustable mounting. The elaborate unique mounting systems accompanying all ad notam products are distinctively designed to suit all types of placements behind any glass surfaces.

MIRROR IMAGE technology is patent protected.

ad notam®

HIDDEN TECHNOLOGIES

Basic Models



RECESSED TV

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TAILORED PRODUCTS

Design your own

All ad notam products are customized to your individual desires. ad notam offers the unique option of smoothly merging custom-made glass with a multimedia monitor system to attain brilliant, crystal-clear images that look like they spring directly out of the glass.

The ad notam configurator is a software tool helping you to individually organize your own tailored creation in a few simple steps. The configurator is similar in design to a car configurator with almost endless customization options. It combines the components of glass or mirror, monitor and mounting system, illumination as well as a wide range of accessories – starting from the installation situation up to when the monitor is mounted on the rear side of the glass or mirror. In the end you get your own unique product, made by ad notam. Always custom-made to suit your high standard, providing a bill of materials and shop drawings. You are welcome to configure your personalized creation at your own time on our website:

www.ad-notam.com/configurator

Glass or Mirror Type and Size **Options** **Accessories** **Your Tailored Product**

visit the ad notam configurator:
www.ad-notam.com/configurator

THE PRODUCT LINES

The choice is yours

ad notam is a celebrated inventor, pioneer, and leader in the LED Mirror TV industry. The product lines are the integration of the ad notam LED behind a glass or mirror surface. Beginning with the stylish slick look of glass and following with the only LED monitor systems which are factory calibrated for integration behind glass, the result is sure to mesmerize your senses.

The basic models of the product lines offer a user-friendly alternative to custom products offered by ad notam. Whether you are looking for an upgrade of your existing environment or designing a completely new one, the elegant ad notam solutions are sure to elevate your TV experience to a whole new level.

ad notam has established distribution channels in over 60 countries all around the world and services many more countries via the headquarters in Germany with support from the regional headquarters in New York, Singapore and Dubai. From showroom-based sales and customized solutions via our regional authorized ad notam dealer network, through retail channels featuring the ad notam standard lines, ad notam is a recognized world brand with a reputation of ingenuity and unparalleled quality. ad notam is the only manufacturer of Mirror TVs that has established, maintains, and offers a localized, country-based, distribution network for the past decade. The ad notam global distribution network is formed primarily by localized showroom based companies. This hands-on service system allows for greater personalization of the ad notam brand with no language or culture barriers.

Recessed TV

GREEN PRODUCT UNDER 1 WATT POWER CONSUMPTION

LED TFT DISPLAY TECHNOLOGY

FULL HD 1080p

GAPLESS LCD-ON-GLASS MOUNTING SYSTEM

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

LOW VOLTAGE SAFETY PRODUCT

POWER LED LIGHTS

HOME AUTOMATION ENABLED

INVISIBLE SOUND

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RECESSED TV

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Glass or Mirror and Integrated TV

IMAGINE

RECESSED TV

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RECESSED TV

A new dimension of Multimedia

Introduce a new dimension to your TV experience with the Recessed TV product line. Whether placed in residential environment or commercial foyers, this elegant and versatile complete TV system is sure to create an impact. The elegant Recessed TV product line is a complete system with harmonic balance of beauty and technology. Recessed into the wall, the crisp and cool design of the Recessed TV product line offers not only a modern and stylish alternative to a large-size flat screen TV, but also a sophisticated decorative addition to any environment.

Custom Design

Elegant and Timeless Design

Latest LED Backlight Technology

Invisible Sound Through Glass Technology Components

Easy to Clean

Simple Installation

Various Product Options available

RECESSED TV - BASIC MODELS

1.

Type	Dimensions	Screen	Ports	Resolution	Media Player Formats	Mounting
RT 133	Your own design (1)	13.3" TFT LED	3 x HDMI Input Component Input (YPbPr) USB Input D-SUB 9pin (RS232) Line Audio Input IR Input (Receiver) Speaker Output IR Output (Cable) IR Output (LED)	1600 x 900 (16:9)	Photo: BMP, JPG, PNG Movie: MPEG 1 / 2 / 4 Music: AAC, MP3, WMA	In-wall
RT 185	Your own design (1)	18.5" TFT LED		1366 x 768 (16:9)		In-wall
RT 216	Your own design (1)	21.5" TFT LED		1920 x 1080 (16:9)		In-wall
RT 260	Your own design (1)	26.0" TFT LED		1366 x 768 (16:9)		In-wall
RT 320	Your own design (1)	32.0" TFT LED		1920 x 1080 (16:9)		In-wall
RT 420	Your own design (2)	42.0" TFT LED		1920 x 1080 (16:9)		In-wall
RT 460	Your own design (2)	46.0" TFT LED		1920 x 1080 (16:9)		In-wall
RT 550	Your own design (3)	55.0" TFT LED		1920 x 1080 (16:9)		In-wall
RT 650	Your own design (3)	65.0" TFT LED		1920 x 1080 (16:9)		In-wall
RT 840	Your own design (4)	84.0" TFT LED		1920 x 1080 (16:9)		In-wall

(1) up to 1.0sqm of Colored Glass included in MSRP

(2) up to 2.0sqm of Colored Glass included in MSRP

(3) up to 3.0sqm of Colored Glass included in MSRP

(4) up to 4.0sqm of Colored Glass included in MSRP

The Recessed TV product line is offered with multiple screen sizes from 13.3” - 84.0” and a variety of glass and mirror options.

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STANDARD FEATURES

	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Standard Features										
Glass (rectangular shapes only)										
Colored Glass	O(1)	O (1)	O(1)	O(1)	O(1)	O(2)	O(2)	O(3)	O(3)	O(4)
Screen										
13.3" TFT LED incl. IR remote control WATERPROOF and batteries	O	–	–	–	–	–	–	–	–	–
18.5" TFT LED incl. IR remote control WATERPROOF and batteries	–	O	–	–	–	–	–	–	–	–
21.5" TFT LED incl. IR remote control WATERPROOF and batteries	–	–	O	–	–	–	–	–	–	–
26.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	O	–	–	–	–	–	–
32.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	O	–	–	–	–	–
42.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	–	O	–	–	–	–
46.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	–	–	O	–	–	–
55.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	–	–	–	O	–	–
65.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	–	–	–	–	O	–
84.0" TFT LED incl. IR remote control SLIMLINE and batteries	–	–	–	–	–	–	–	–	–	O
Mounting										
In-wall system Qualified for installation in dry or damp locations	O	O	O	O	O	O	O	O	O	O

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

(1) up to 1.0sqm included in MSRP
(2) up to 2.0sqm included in MSRP
(3) up to 3.0sqm included in MSRP
(4) up to 4.0sqm included in MSRP

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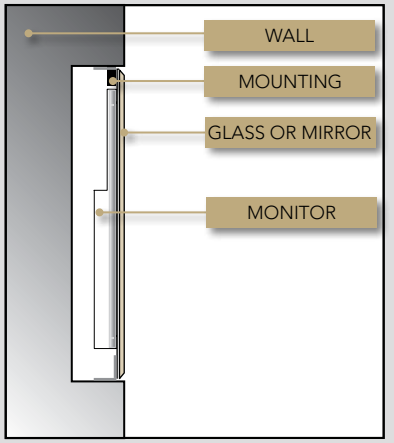
In-wall



Mounting System

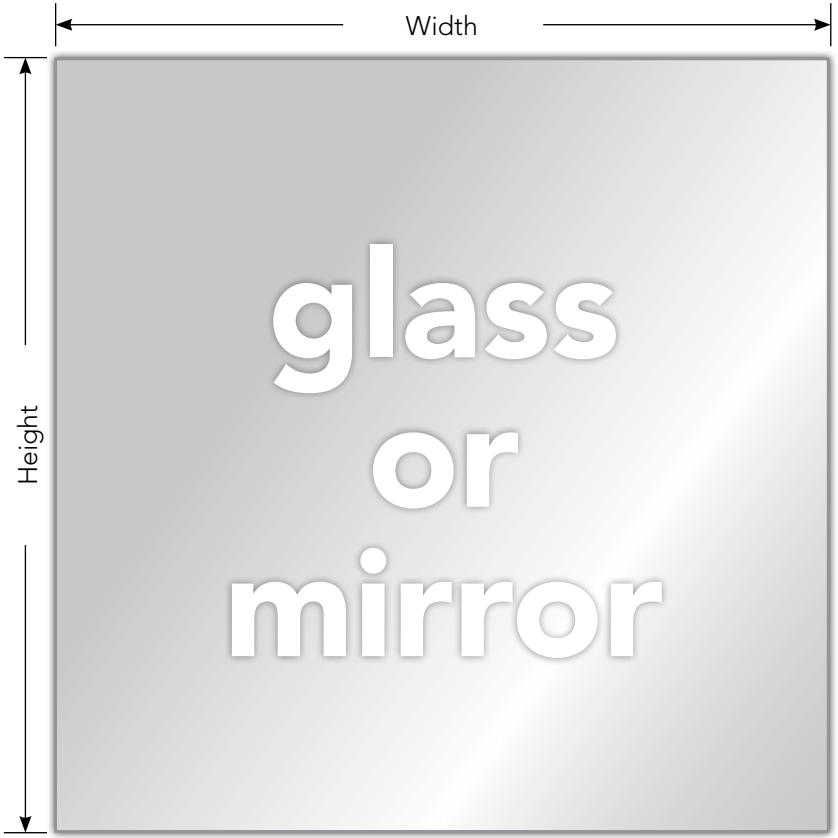
For perfectly seamless integration to your environment, ad notam includes with every product line elaborate mounting systems for easy, safe, and intelligent installation. All ad notam mounting options exclusively are engineered for the product lines and the integration of glass and mirrors.

RECESSED TV - GLASS OR MIRROR SIZE

2.

How to calculate your glass or mirror size

Multiply the width and height dimensions, in meter, to receive your glass or mirror square meter value. Individual dimensions of up to the respective indicated dimensions are included in the Basic Models (see pages 08 - 09). For customized glass or mirror dimensions bigger than the included dimensions an extra charge will apply per each additional 0.1sqm.



ad notam is in sync with tomorrow's trends in room concepts! Customized glass and mirror dimensions are available. There is a wide range of possibilities for the design and shape of the glass or mirror surfaces, which can be adapted entirely as you wish.

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DEFINE YOUR GLASS OR MIRROR SIZE

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Glass or Mirror Size	Unit	Code	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Upgrade Glass or Mirror Size	each 0.1sqm	**UPG_MS**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)

(1) calculate your glass or mirror dimensions, width x height in meter, minus included dimensions of the Basic Models (see pages 08 - 09)

visit the ad notam configurator:
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RECESSED TV - GLASS TYPE

2.

Colored Glass (Basic Model/Standard)

Colored Glass is a rear lacquered glass based on the RAL single color spectrum. In the "ON" position, the Colored Glass allows to display almost 100% of the monitor system´s brightness, permitting the best picture quality with brilliant colors transmitted. When in the "OFF" position, the ad notam monitor system appears in the Colored Glass as a black area.

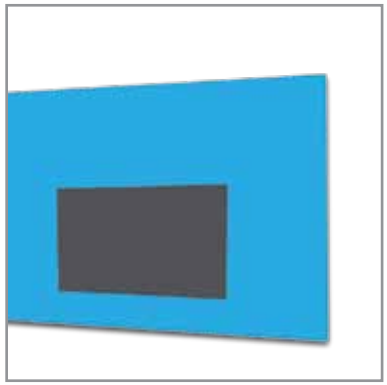
The Colored Glass is designed for combination with the ad notam monitor systems and fulfills the necessary surface, hardness, and tension qualities.

Transmission of image area: 90% +/- 5
Reflection of glass: 8% +/- 5

Whether in a private, public, or business space, glass is a dominant element of interior design. With the most unique and diverse selection of glass and mirrors worldwide, ad notam is sure to have the right glass solution for you.

ON

OFF



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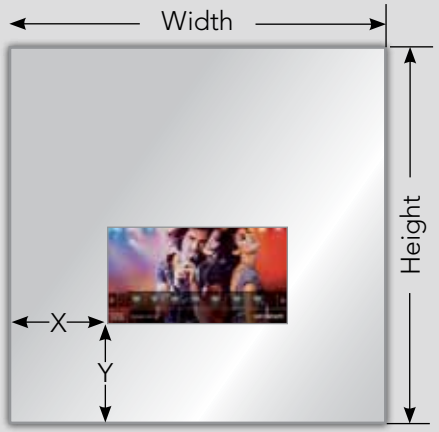
Glass Type	Unit	Code	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Standard Colors												
RAL 9005 Jet Black	pcs	**UPG_FG_9005**	O	O	O	O	O	O	O	O	O	O
RAL 9011 Graphite Black	pcs	**UPG_FG_9011**	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
RAL 9003 Signal White	pcs	**UPG_FG_9003**	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
RAL 9010 Pure White	pcs	**UPG_FG_9010**	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Custom Color												
Any RAL Color	pcs	**UPG_FG_RAL**	■	■	■	■	■	■	■	■	■	■

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available



Position of Image Area

The position of the image area within the glass surface is almost limitless. Flexibility is only restricted by the outline dimensions of the monitor as well as the mounting systems used, that need to be considered when installing the monitor system on the rear side of the glass. Please specify the horizontal distance „X“ and the vertical distance „Y“ from the closest edges of the glass.

RAL 9005 - Jet Black

RAL 9005

RAL 9011 - Graphite Black

RAL 9011

RAL 9003 - Signal White

RAL 9003

RAL 9010 - Pure White

RAL 9010

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RECESSED TV - MIRROR TYPE

2.

Crystal Mirror (Upgrade)
Tint: silver

Not invisible, but best picture and mirror quality. In the "ON" position, the Crystal Mirror allows to display almost 100% of the monitor system´s brightness, permitting the best picture quality with brilliant colors transmitted. When in the "OFF" position, the ad notam monitor system appears in the mirror as a black area.

The Crystal Mirror is designed for combination with the ad notam monitor systems and fulfills the necessary surface, hardness, and tension qualities.

Transmission of image area: 90% +/- 5
Reflection of mirror surrounding image area: 95% +/- 5
Reflection of image area: 8% +/- 5

Magic Mirror Crystal Clear (Upgrade)
Tint: silver

Almost invisible, crystal clear mirror, with good picture quality. In the "ON" position, the image area of the monitor system appears with high brightness and the best possible picture quality of its kind. The reflection of the Magic Mirror Crystal Clear is almost like a crystal mirror and therefore especially suitable for bathroom applications. In the "OFF" position, the monitor system is replaced by a reflective surface that varies slightly from the rest of the mirror.

The Magic Mirror Crystal Clear is designed for combination with the ad notam monitor systems (up to 22.0" screen diagonal) and fulfills the necessary surface, hardness, and tension qualities.

Transmission of image area: 30% +/- 5
Reflection of mirror surrounding image area: 95% +/- 5
Reflection of image area: 70% +/- 5

Whether in a private, public, or business space, glass is a dominant element of interior design. With the most unique and diverse selection of glass and mirrors worldwide, ad notam is sure to have the right mirror solution for you.

ON

OFF

ON

OFF

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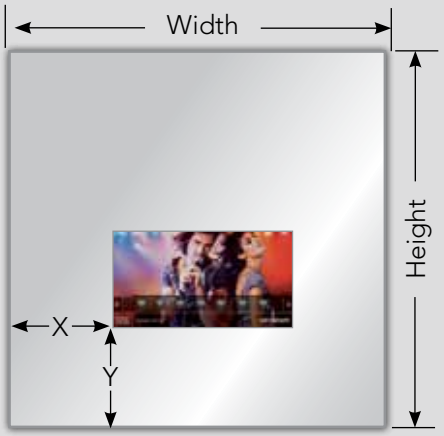
O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Glass and Mirror Options	Unit	Code	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Mirror Type												
Upgrade Crystal Mirror	pcs	**UPG_CR**	■	■	■	■	■	■	■	■	■	■
Upgrade Magic Mirror Crystal Clear	pcs	**UPG_MMCC**	■	■	■	–	–	–	–	–	–	–
Upgrade Magic Mirror	pcs	**UPG_MM**	■	■	■	■	■	■	■	■	■	■



Position of Image Area

The position of the image area within the mirror surface is almost limitless. Flexibility is only restricted by the outline dimensions of the monitor as well as the mounting systems used, that need to be considered when installing the monitor system on the rear side of the mirror. Please specify the horizontal distance „X" and the vertical distance „Y" from the closest edges of the mirror.

ON

OFF

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Magic Mirror (Upgrade)
Tint: bronze

Totally invisible, darkened mirror with good picture quality. The Magic Mirror allows the image area of the ad notam monitor system to appear in the "ON" position and completely vanish when turned „OFF" leaving a 100% homogeneous mirror surface on the front.

The Magic Mirror is designed for combination with the ad notam monitor systems and fulfills the necessary surface, hardness, and tension qualities.

Transmission of image area: 25% +/- 5
Reflection of mirror surrounding image area: 35% +/- 5
Reflection of image area: 35% +/- 5

RECESSED TV - SAFETY OPTION

2.

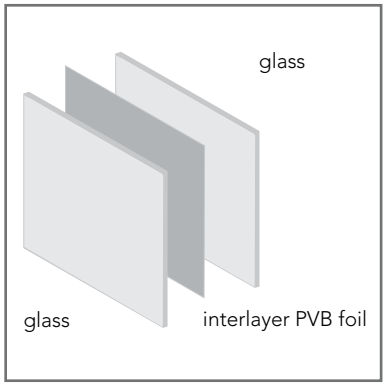
Safety Glass

Laminated safety glass holds together when shattered. In the event of breaking, it is held in place by an interlayer between its two layers of glass. The interlayer keeps the layers of glass bonded even when broken, and its high strength prevents the glass from breaking up into large sharp pieces. This produces a characteristic „spider web" cracking pattern when the impact is not enough to completely pierce the glass.

Laminated glass is normally used when there is a possibility of human impact or where the glass could fall if shattered.

The safety glass option is available for all ad notam glass and mirror types and is strongly recommended when installing the product in public areas.

Safety glass is glass with additional safety features that make it less likely to break, or less likely to shatter into pieces with its applicable risks. Due to the second layer of glass, the weight per square meter is noticeable heavier than the weight per square meter of a standard glass.



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THINK ABOUT THE SAFETY

O standard features ⊙ available at no extra charge ■ available at extra charge – not available												
Safety Option	**Unit**	**Code**	**RT 133**	**RT 185**	**RT 216**	**RT 260**	**RT 320**	**RT 420**	**RT 460**	**RT 550**	**RT 650**	**RT 840**
Upgrade Laminated Safety Glass (LSG)	pcs	**UPG_LSG**	■	■	■	■	■	■	■	■	■	■

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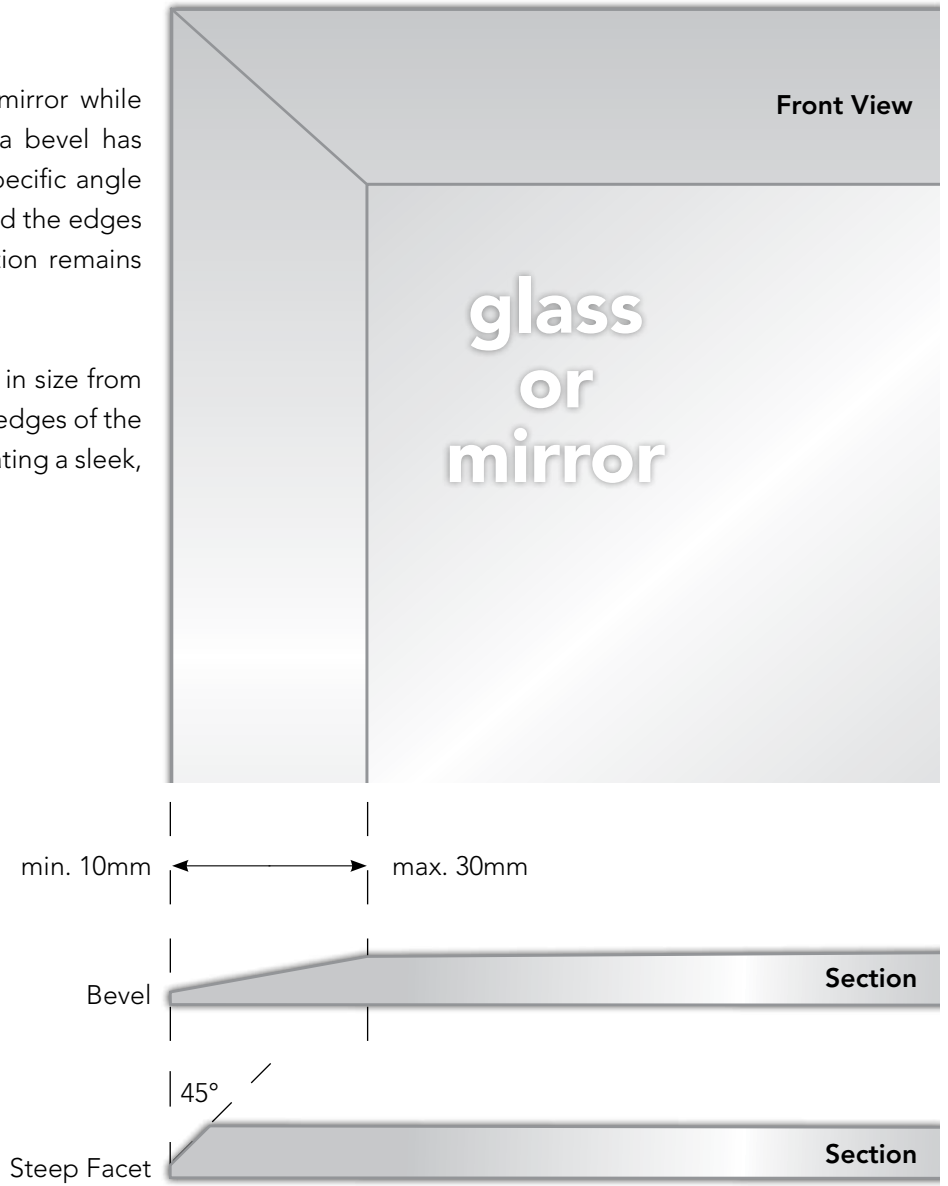
RECESSED TV - GLASS AND MIRROR OPTION - BEVEL AND FACET

3.

Bevel and Facet

A bevel adds a touch of elegance to a glass or mirror while producing a framed look. A glass or mirror with a bevel has undergone the process of cutting its edges to a specific angle and size. This process leaves the glass thinner around the edges of the glass or mirror, while the large middle portion remains thicker.

The bevel width around a glass or mirror can range in size from 10mm to 30mm. Alternatively you can also have the edges of the glass or mirror polished with a steep facet of 45° creating a sleek, finished look.



ad notam offers a variety of beveling options in order to produce a framed look for the glass or mirror. Beveling is priced by the number of running meters of the glass or mirror outline dimensions.

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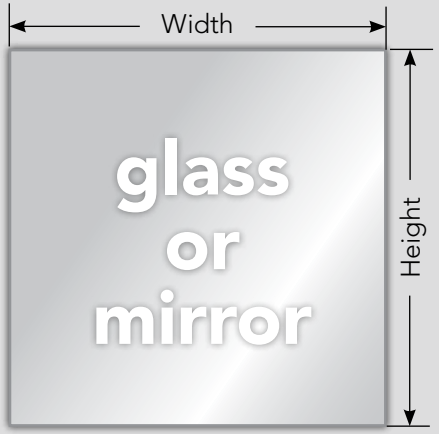
O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

	Unit	Art. No.	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Bevel		**BA_ff_003_**										
Bevel 10mm	each 0.1m	**10**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)
Bevel 15mm	each 0.1m	**15**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)
Bevel 20mm	each 0.1m	**20**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)
Bevel 25mm	each 0.1m	**25**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	(1)	■(1)	■(1)	■(1)
Bevel 30mm	each 0.1m	**30**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)
Steep Facet 45°	each 0.1m	**BA_sf_004_5**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)

(1) calculate the number of running meters of the glass or mirror outline dimensions, (width + height) x 2 in meter



What to define

Calculate the number of running meters of the glass or mirror outline dimensions, (width + height) x 2 in meter.

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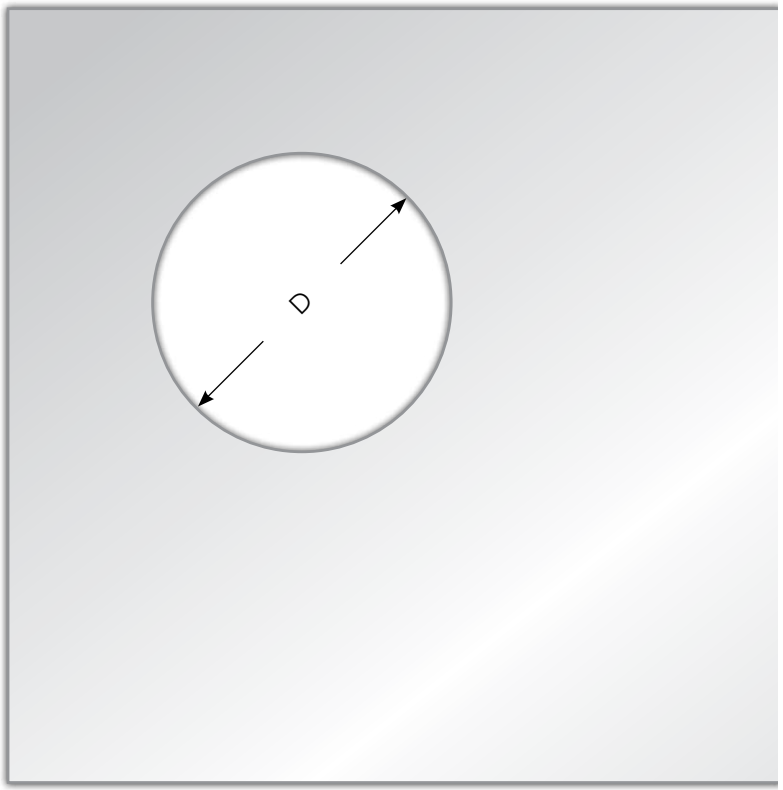
RECESSED TV - GLASS AND MIRROR OPTION - DRILLINGS

3.

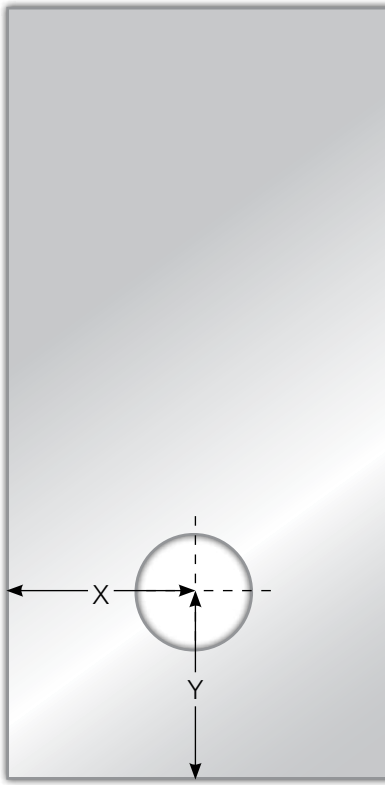
Drillings

Drillings may be applicable to integrate hardware such as sconces, faucets, fittings, handles, knobs or the like into the glass or mirror. The diameter „D“ is available from min. 4mm to max. 70mm.

Drillings are applicable with all ad notam glass and mirror types and can be positioned almost anywhere in the glass or mirror surface.



ad notam offers drillings with a variety of possible diameters to integrate hardware such as sconces, faucets, fittings, handles, knobs or the like into the glass or mirror. Drillings are priced per unit and according to the diameter.



What to define

As a common rule of thumb the horizontal distance „X“ and the vertical distance „Y“ of the drilling center to the closest edges of the glass or mirror must be at minimum twice the diameter of the drilling.

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POSITION YOUR DRILLINGS

- O standard features
- ⊙ available at no extra charge
- ■ available at extra charge
- – not available

	Unit	Art. No.	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Drillings		BA_bh_										
Drilling 4mm	pcs	**004**	■	■	■	■	■	■	■	■	■	■
Drilling 6mm	pcs	**006**	■	■	■	■	■	■	■	■	■	■
Drilling 8mm	pcs	**008**	■	■	■	■	■	■	■	■	■	■
Drilling 10mm	pcs	**010**	■	■	■	■	■	■	■	■	■	■
Drilling 12mm	pcs	**012**	■	■	■	■	■	■	■	■	■	■
Drilling 13mm	pcs	**013**	■	■	■	■	■	■	■	■	■	■
Drilling 16mm	pcs	**016**	■	■	■	■	■	■	■	■	■	■
Drilling 18mm	pcs	**018**	■	■	■	■	■	■	■	■	■	■
Drilling 20mm	pcs	**020**	■	■	■	■	■	■	■	■	■	■
Drilling 26mm	pcs	**026**	■	■	■	■	■	■	■	■	■	■
Drilling 32mm	pcs	**032**	■	■	■	■	■	■	■	■	■	■
Drilling 36mm	pcs	**036**	■	■	■	■	■	■	■	■	■	■
Drilling 40mm	pcs	**040**	■	■	■	■	■	■	■	■	■	■
Drilling 45mm	pcs	**045**	■	■	■	■	■	■	■	■	■	■
Drilling 47mm	pcs	**047**	■	■	■	■	■	■	■	■	■	■
Drilling 55mm	pcs	**055**	■	■	■	■	■	■	■	■	■	■
Drilling 60mm	pcs	**060**	■	■	■	■	■	■	■	■	■	■
Drilling 65mm	pcs	**065**	■	■	■	■	■	■	■	■	■	■
Drilling 70mm	pcs	**070**	■	■	■	■	■	■	■	■	■	■

visit the ad notam configurator:
www.ad-notam.com/configurator

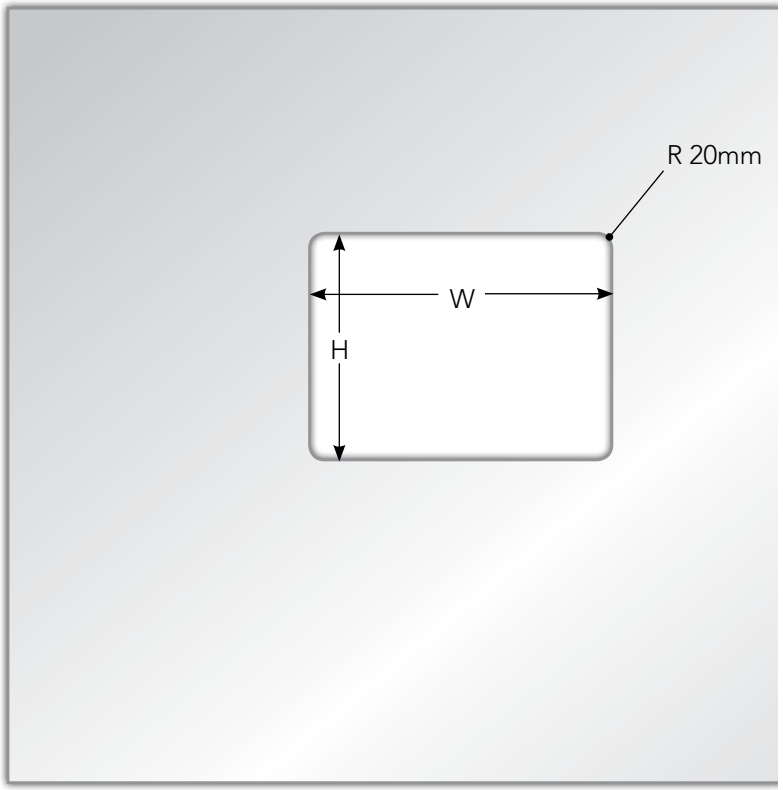
RECESSED TV - GLASS AND MIRROR OPTION - CUTOUTS

3.

Cutouts

Cutouts may be applicable to integrate hardware such as sockets, light switches, fittings, handles, knobs or the like into the glass or mirror. Rectangle dimensions „H" x „W" with four rounded corners („R" 20mm) are available from min. 20 x 20mm to max. 200 x 200mm.

Cutouts are available with all ad notam glass and mirror types and can be positioned almost anywhere in the glass or mirror surface.



ad notam offers cutouts to integrate hardware such as sockets, light switches, fittings, handles, knobs or the like into the glass or mirror. Cutouts are priced per unit.

What to define

As a common rule of thumb the horizontal distance „X" of the cutout to the closest edge of the glass or mirror must be at a minimum equal to the width of the cutout, and in line with this, the vertical distance „Y" to the according height.

DESIGNED IN GERMANY

DEFINE CUTOUTS

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Cutouts	Unit	Code	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Cutout, rectangular, rounded corners	pcs	**BA_ct_20**	■	■	■	■	■	■	■	■	■	■

visit the ad notam configurator:
www.ad-notam.com/configurator

RECESSED TV - GLASS AND MIRROR OPTION - EDGE PROTECTION

3.

Edge Protection Profile

Add an aluminum edge protection profile to preserve the sensitive edges of the glass or mirror against damage and to produce a finished, framed look.

Choose from three available application options:
Option 1: left and right edge protection
Option 2: top, left and right edge protection
Option 3: edge protection all around the glass or mirror

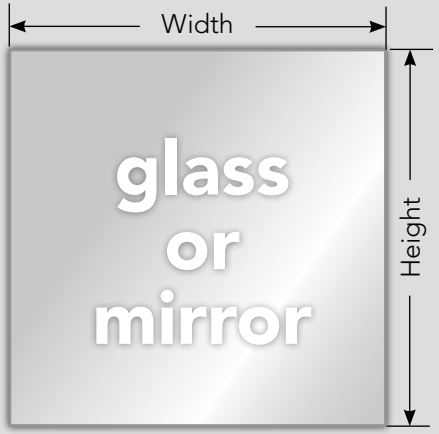
ad notam offers an aluminum edge protection profile to preserve the glass or mirror edges against damage. The pricing of the edge protection is by running meters of the profile.

DESIGNED IN GERMANY

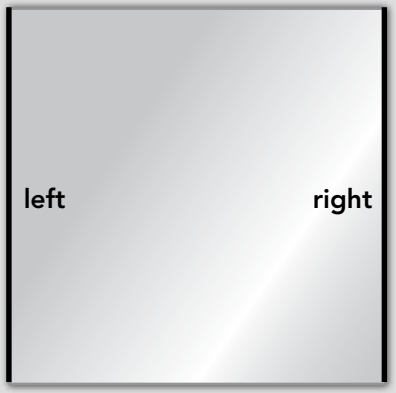
O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Edge Protection	Unit	Code	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Aluminum, anodized, natural	each 0.1m	**EPP_LM**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)

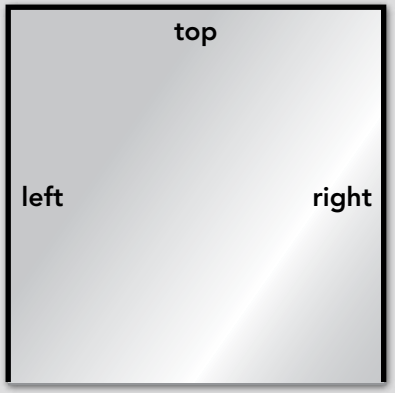
(1) calculate the number of running meters of the edge protection profile according to the glass or mirror outline dimensions



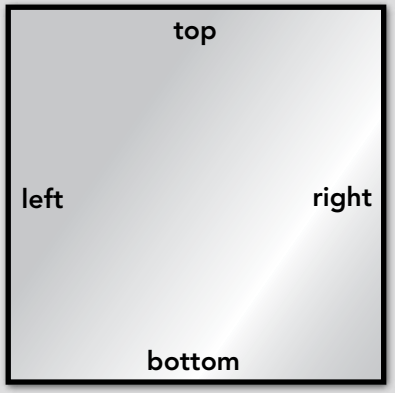
Option 1



Option 2



Option 3



How to calculate the running meter value

Option 1: height x 2 in meter

Option 2: width + (height x2) in meter

Option 3: (width + height) x 2 in meter

visit the ad notam configurator:
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4.

create your own

IMAGINE

DESIGNED IN GERMANY

UPGRADE YOUR CUSTOM SOLUTION

Accessories - for your custom product

True to its customizing philosophy, ad notam offers even more options to this already customized product line. Get creative and design your unique and personal product.

There´s a variety of accessories, ranging from heating foils to loudspeakers, adapters and/or touch keypad integration, as well as different remote controls and set top box solutions. You are free to choose accessories according to your individual requirements and/or preferences. As requirements may vary due to country-specific, local or individual needs, appropriate solutions can be selected on a case-by-case basis.

In the end, you receive a unique product tailored to suit your high standards and individual taste.

ACCESSORIES - SET TOP BOX, DSTB-T/S2

4.

ad notam monitors are an „open system“, ready to interact with a variety of set top box (STB) solutions. Users are free to choose an appropriate set top box according to individual requirements and/or preferences. Requirements may vary due to country-specific conditions or clients perceptions.

DSTB-T/S2

Set top box contains a dual digital TV tuner, compliant with DVB-S/S2 (satellite) and DVB-T (terrestrial), that can receive the whole range of free-to-air channels.

Package includes

Digital set top box
Power adapter (12V DC / 12W)
IR pass through cable
Glass mounting plates for DSTB and power adapter
HDMI cable (1.5m)
User manual

Product Features

Full HD DVB-T and DVB-S/S2
Multi-language OSD menu
Favorite channel list
7 days EPG (electronic program guide)
Database editor, save and load channel list settings through USB
Channel search with auto or manual scan (up to 4000 channels)
EUP compatible and LCN
Controllable via ad notam TV remote control

RECESSED TV

DESIGNED IN GERMANY

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Set Top Box (DVB-T, DVB-S/S2)	Unit	Art. No.	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Power voltage: 12V DC	pcs	**DSTB-T/S2**	■	■	■	■	■	■	■	■	■	■
Power consumption: < 6W, Standby < 1W												
LNB input (1 x 75Ohm F-TYPE connector for DVB-S2)												
RF input (1 x IEC-TYPE connector for DVB-T)												
USB input (1 x USB terminal)												
IR input (1 x mini jack 3.5mm)												
DC input (1 x Switchcraft L722, 12V DC / 1A)												
HDMI output (1 x HDMI terminal, HDMI 1.3 / HDCP 1.1)												
Video decoder: MPEG-4 / H.264 HP@L4, MPEG-2 MP@HL												
Audio decoder: AAC / HE-AAC / AC3, DD+												
Video output ratio: 4:3 / 16:9 / letter box / automatic												
Video resolution: 1920 x 1080p												
DVB-S2 receiving channel range: 950 - 2150MHz												
DVB-S2 modulation: QPSK/8PSK												
DVB-S2 LNB controlling: 22KHz, 13/18V												
DVB-T receiving channel range: 174 - 230MHz, 470 - 862MHz												
DVB-T modulation: QPSK/16QAM/64QAM												
DVB-T OFDM spectrum: 2K and 8K												
DVB-T modulation: QPSK/16QAM/64QAM												
DVB-T band width: 7MHz, 8MHz												

visit the ad notam configurator:
www.ad-notam.com/configurator

ACCESSORIES - SET TOP BOX, DSTB-ATSC

4.

DSTB-ATSC

Set top box contains a digital TV tuner, compliant with ATSC (terrestrial and cable), that can receive the whole range of free-to-air channels.

Package includes

Digital set top box
Power adapter (12V DC / 12W)
IR pass through cable
Glass mounting plates for DSTB and power adapter
HDMI cable (1.5m)
User manual

Product Features

Full HD ATSC
Multi-language OSD menu
Favorite channel list
7 days EPG (electronic program guide)
Database editor, save and load channel list settings through USB
Channel search with auto or manual scan (up to 4000 channels)
Can handle ATSC terrestrial and cable
Controllable via ad notam TV remote control

ad notam monitors are an „open system", ready to interact with a variety of set top box (STB) solutions. Users are free to choose an appropriate set top box according to individual requirements and/or preferences. Requirements may vary due to country-specific conditions or clients perceptions.

DESIGNED IN GERMANY

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Set Top Box (ATSC)	Unit	Art. No.	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Power voltage: 12V DC	pcs	**DSTB-ATSC**	■	■	■	■	■	■	■	■	■	■
Power consumption: < 6W, Standby < 1W												
RF input (1 x IEC F-TYPE connector for ATSC)												
USB input (1 x USB terminal)												
IR input (1 x mini jack 3.5mm)												
DC input (1 x Switchcraft L722, 12V DC / 1A)												
HDMI output (1 x HDMI terminal, HDMI 1.3 / HDCP 1.1)												
Video decoder: MPEG-2 MP@HL, H.264 / MPEG-4 AVC, HP@L4												
Audio decoder: MPEG-2 AC3												
Video output ratio: 4:3 / 16:9 / letter box / automatic												
Video resolution: 1920 x 1080p												
Punctured Codes (FEC): 1/2, 2/3, 3/4, 5/6 AND 7/8												
Terrestrial channels: 2 - 69, cable channels 2 - 125												
ATSC demodulation: 8-VSB, 64QAM, 256QAM												
ATSC OFDM spectrum: 2K and 8K												
ATSC band width: 6MHz												

visit the ad notam configurator:
www.ad-notam.com/configurator

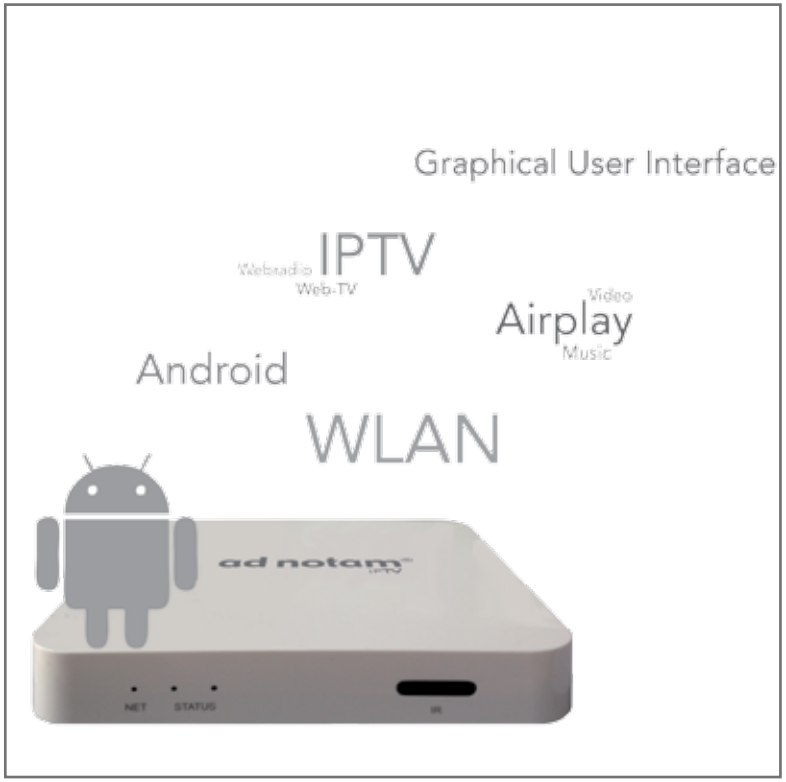
ACCESSORIES - SET TOP BOX, DSTB-IPTV

4.

DSTB-IPTV

Slim smart TV box that turns any ad notam monitor system to a multifunctional smart TV in order to browse the internet, to play movies, music and/or pictures.

ad notam monitors are an „open system“, ready to interact with a variety of set top box (STB) solutions. Users are free to choose an appropriate set top box according to individual requirements and/or preferences. Requirements may vary due to country-specific conditions or clients perceptions.



Package includes

IPTV set top box
Power adapter
RF/IR smart remote control
Glass mounting plates for DSTB and power adapter
HDMI cable (1.5m)
User manual

Product Features

RJ45 10/100M Ethernet interface
Integrated 802.11 b/g/n WiFi module with built-in antenna
Supports Full HD 1080p video playback and HI-FI audio decoding
Supports 2.4GHz wireless mouse, keyboard and „air“ remotes
Supports flash player HW/SW decoding and HTML5 via Google Chrome browser
Supports IOS airplay and DLNA functionality

DESIGNED IN GERMANY

O standard features ⊙ available at no extra charge ■ available at extra charge – not available			RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Set Top Box (IPTV)	**Unit**	**Art. No.**										
OS: Android For latest specification please check our website http://www.ad-notam.com	pcs	**DSTB-IPTV**	■	■	■	■	■	■	■	■	■	■

visit the ad notam configurator:
www.ad-notam.com/configurator

COMPATIBILITY WITH ALL
IPTV
PRESTIGIOUS PROVIDERS

ACCESSORIES - ADAPTER

4.

An adapter is a type of protocol converter which is used for converting data signals to and from other communications standards.

VGA-HDMI™

The VGA-HDMI™ converter allows PC´s or notebooks with VGA output to display onto the monitor. It is used with a HDMI™ cable, a VGA cable and a 3.5mm audio cable. The converter requires no extra software.

Package includes

VGA-HDMI adapter
Glass mounting plate
HDMI cable (1.5m)
User manual

DESIGNED IN GERMANY

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Adapter	Unit	Art. No	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Power voltage: 5V DC / 0.5A through VGA connector (1)	pcs	**VGA-HDMI**	■	■	■	■	■	■	■	■	■	■
Power consumption: < 2.5W												
Audio input: 2-channel analog stereo												
HDMI output: identical to video input												
Supported resolutions: VGA (640 x 480 at 60/72/75/85Hz)												
SVGA (800 x 600 at 56/60/72/75/85Hz)												
XGA (1024 x 768 at 60/70/75/80/85Hz)												
SXGA (1280 x 1024 at 60/75/85Hz)												
UGA / UXGA (1600 x 1200 at 60/75Hz)												
HDMI audio output: 24-bit, 48 kHz sampling rate												

(1) most PCs and notebooks supply 5V DC through VGA (VGA should be fully wired), alternatively use a 5V DC external power supply through mini USB connector

visit the ad notam configurator:
www.ad-notam.com/configurator

ACCESSORIES - LOUDSPEAKER

4.

ad notam offers a variety of loudspeaker solutions such as ceiling speakers and surface speakers that are installed „invisible“ behind the glass or mirror. The surface speakers are a good solution for applications where standard speakers cannot be installed for optical reasons or for protection against environmental conditions or vandalism.

Ceiling Speakers (Various sizes)

For environments such as yachts and spas, ad notam offers a totally humidity-safe, corrosion-resistant, saltwater-resistant, and waterproof ceiling speaker.

Surface Speakers

The surface speaker is the most efficient and vibrant sound system for environments up to 15 square meters. The surface speaker system is tailored for installation with any plain surfaces as glass or mirror, wood or the like.

RECESSED TV

DESIGNED IN GERMANY

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Loudspeaker	Unit	Art. No	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Surface Loudspeaker 7cm / 2.76" diameter Impedance 8Ohm, Sensitivity 85dB Rated Power 30W, max. Peak Power 60W 32mm / 1.25" voice coil Frequency Response 60 - 20000Hz	pcs	**LS-VS-004**	■	■	■	■	■	■	■	■	■	■
Ceiling Loudspeaker 5cm / 1.97" diameter Impedance 8Ohm, Sensitivity 89dB Rated Power 2W, max. Power 5W Sound pressure level 87dB, 4018Hz Transformer Matching 1.5W Frequency Response 150 - 20000Hz	pcs	**AD-5_WR**	■	■	■	■	■	■	■	■	■	■
Ceiling Loudspeaker 8cm / 3.15" diameter Impedance 8Ohm, Sensitivity 90dB Rated Power 10W, max. Power 30W Sound pressure level 92dB, 5312Hz Transformer Matching 1.5W Frequency Response 90 - 18000Hz	pcs	**AD-8_WR**	■	■	■	■	■	■	■	■	■	■
Ceiling Loudspeaker 10cm / 3.94" diameter Impedance 8Ohm, Sensitivity 87dB Rated Power 20W, max. Power 30W Sound pressure level 90dB, 6594Hz Transformer Matching 1.5W Frequency Response 75 - 20000Hz	pcs	**AD-10_WR**	■	■	■	■	■	■	■	■	■	■
Loudspeaker extension cable, 5.0m / 196.85"	pcs	**ET_554**	■	■	■	■	■	■	■	■	■	■

visit the ad notam configurator:
www.ad-notam.com/configurator

INVISIBLE SOUND

ACCESSORIES - REMOTE CONTROL

4.

ad notam offers a variety of remote control solutions in order to control monitor systems and set top boxes.

IR Options

ad notam offers external IR accessories like IR receiver, IR emitter and various IR wiring solutions. This variety of options facilitates any third party integration.

Waterproof
(Basic Model/Standard)
(for RT 133 - RT 216)
Waterproof „learnable" IR remote control, specifically designed to meet wet room installations. One layer of IR commands controlling ad notam screens and set top boxes.

Slimline
(Basic Model/Standard)
(for RT 260 - RT 840)
Stylish IR remote control, specifically designed to meet luxury installations. One layer of IR commands controlling ad notam screens and set top boxes.

DESIGNED IN GERMANY

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Remote Control	Unit	Art. No	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Waterproof (IR), incl. batteries	pcs	**ET_555**	O	O	O	■	■	■	■	■	■	■
Slimline (IR), incl. batteries	pcs	**ET_556**	■	■	■	O	O	O	O	O	O	O
IR Options												
External IR receiver, 5.0m mini jack 3.5mm - IR receiver	pcs	**ET_540**	■	■	■	■	■	■	■	■	■	■
IR emitter, 10.0m mini jack 2.5mm - IR emitter	pcs	**ET_541**	■	■	■	■	■	■	■	■	■	■
IR loop through cable, 1.5m mini jack 3.5mm - mini jack 3.5mm	pcs	**ET_545**	■	■	■	■	■	■	■	■	■	■

visit the ad notam configurator:
www.ad-notam.com/configurator

ACCESSORIES - TOUCH KEYPAD CONTROL OPTION

Touch Keypad Control Option

Elevate your product with the ad notam touch keypad. Switch the monitor system on or off and adjust the volume at the touch of your fingers. No need to look for a remote, simply direct your touch to the conveniently located touch keypad on your glass or mirror and enjoy the rare and elegant combination of style and comfort. The touch keypad will appear as a gray area inside the glass or mirror surface. The key symbols are illuminated.

4.

6 keys layout
Mirror clearance: 65 x 65mm

Control the following functions:
Monitor: power on/off,
mute on/off, volume up/down
STB: channel up/down

Integrated into the glass or mirror surface the touch keypad provides a totally waterproof and vandalism-resistant interface solution to control the basic functions of the monitor system and a set top box.

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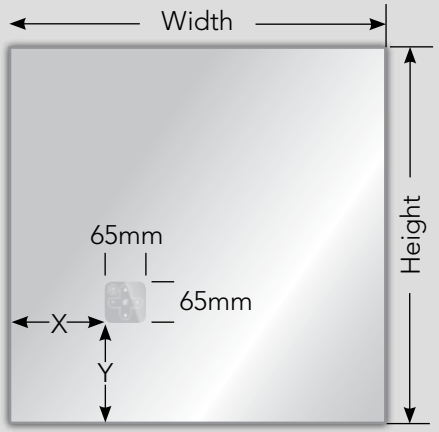


Position of Touch Keypad

The position of the Touch Keypad within the glass or mirror surface is almost limitless. Flexibility is only restricted by the outline dimensions of the monitor and the mounting systems. Please specify the horizontal distance „X" and the vertical distance „Y" from the closest edges of the glass or mirror.

O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Touch Keypad Control Option	Unit	Art. No	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Touch Keypad (6 Keys) Technology: PCT projected capacitive touch Monitor and STB	pcs	**TC-IR-006**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	–	–	–	–

(1) only applicable in combination with DSTB-T/S2 or DSTB-ATSC (see pages 28 - 31)

visit the ad notam configurator:
www.ad-notam.com/configurator

ACCESSORIES - LED DIGITAL CLOCK

LED Digital Clock

Add a LED digital clock to your product to show the time with class and style.

Package includes

Mirror Time digital clock
IR remote control
Y-Cable (12V DC)
User manual

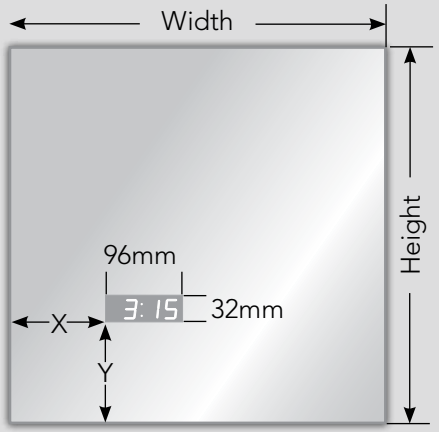
The digital clock features bright white LED digit design, and can be combined with any of the ad notam glass and mirror options for a cool complete „glowing" look. A backup battery provides power to the digital clock when the primary source of power is interrupted or unavailable.

Product Features

Simple adjustment via IR remote control
Backup battery keeps the clock running during power outage
12/24 hours mode
Bright white LED digital design
Can be positioned almost anywhere on the glass or mirror surface

- o standard features
- ⊙ available at no extra charge
- ■ available at extra charge
- – not available

Digital Clock	Unit	Art. No	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
Mirror Time	pcs	CL_LED	■	■	■	■	■	■	■	■	■	■
Power voltage: 12V DC												
7-segment LED digit design display												
4 x 1" bright white digits												
Time format: 12 / 24 hours selectable												
Manual settings: hour, minute and reset												



Position of LED Digital Clock

The position of the LED Digital Clock within the glass or mirror surface is almost limitless. Flexibility is only restricted by the outline dimensions of the monitor, the mounting systems as well as the illumination profiles. Please specify the horizontal distance „X" and the vertical distance „Y" from the closest edges of the glass or mirror.

visit the ad notam configurator:
www.ad-notam.com/configurator

ACCESSORIES - HEATING FOIL

Heating foil

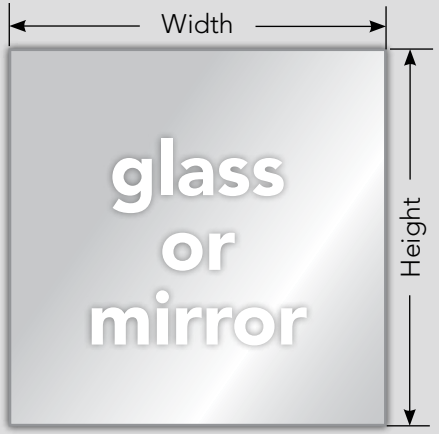
The ad notam mirror heating foil prevents the mirror surface from steam condensation in wet environments, providing a fogless mirror with clean vision at all times. ad notam recommends the heating foil to be linked with the light switch.

The double insulated, self-adhesive heating foil is applicable with all ad notam glass and mirror types and can be positioned anywhere on the glass or mirror surface where free space is available.

DESIGNED IN GERMANY

What to define

Multiply the width and height in meter of the glass or mirror dimensions in order to receive the square meter value.



O standard features
⊙ available at no extra charge
■ available at extra charge
– not available

Heating Foil	Unit	Art. No.	RT 133	RT 185	RT 216	RT 260	RT 320	RT 420	RT 460	RT 550	RT 650	RT 840
220V AC Input Double insulated, eliminating the need for an earthing cable Plug type: may be connected via luster terminal	sqm of glass	**HF_220_CS**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)
110V AC Input Double insulated, eliminating the need for an earthing cable Plug type: may be connected via luster terminal	sqm of glass	**HF_110_CS**	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)	■(1)

(1) calculate the sqm value of the glass or mirror outline dimensions, width x height in meter

visit the ad notam configurator:
www.ad-notam.com/configurator

TECHNICAL SPECIFICATIONS

	RT 133	RT 185	RT 216
Screen	**Display Type: Thin Film Transistor (TFT) with Light Emitting Diodes (LED) Backlight**		
Screen Active Area (1)	W x H: 293mm x 165mm / 11.54" x 6.50" Diagonal: 337mm / 13.3"	W x H: 409mm x 230mm / 16.10" x 9.06" Diagonal: 470mm / 18.5"	W x H: 476mm x 268mm / 18.74" x 10.55" Diagonal: 546mm / 21.5"
Physical Resolution	1600 x 900	1366 x 768	1920 x 1080
Picture Format	16:9	16:9	16:9
Viewing Angle	Horizontal: Typical (Total) 80° (Left: 40° / Right: 40°)	Horizontal: Typical (Total) 170° (Left: 85° / Right: 85°)	Horizontal: Typical (Total) 170° (Left: 85° / Right: 85°)
	Vertical: Typical (Total) 45° (Up: 15° / Down: 30°)	Vertical: Typical (Total) 160° (Up: 75° / Down: 85°)	Vertical: Typical (Total) 160° (Up: 80° / Down: 80°)
Video Input	HDMI 1.3 (480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p) Component (YPbPr / YCbCr) (720p, 1080i, 1080p)		
Audio Input	Line Level		
Audio Output	Speaker Output 2 x 8W RMS @ 8Ohm per channel		
Brightness	300cd/qm	250cd/qm	250cd/qm
Contrast	Typical: 1000:1	Typical: 1000:1	Typical: 1000:1
Response Time	6ms	5ms	5ms
Operating Temperature	0° to 50°Celsius		
Humidity	20 - 80%		
OSD Language	Deutsch, English, Español, Français, Italiano, Português, 中文		
Certification	UL 60950-1 , CAN / CSA 22.2 - 60950-1, CB, FCC, EN 60950-1, EMC 55022, EN 6100-3-2		
Input Ports	HDMI (3 x HDMI terminal) Component Input (3 x RCA terminal, red, green, blue) USB (1 x USB terminal) RS232 (1 x D-SUB 9pin male) Line Audio (2 x RCA terminal, white, red) IR Receiver (1 x mini jack 3.5mm / 0.14")		
Output Ports	Speaker (1 x Phoenix clip 4pin) IR Output Cable (1 x mini jack 3.5mm / 0.14") IR Output LED (1 x mini jack 2.5mm / 0.10")		

(1) The visible image area in the glass or mirror is always about 3mm / 0.12" smaller in width and height than the Screen Active Area of the monitor system

	RT 260	RT 320	RT 420	RT 460
Screen	**Display Type: Thin Film Transistor (TFT) with Light Emitting Diodes (LED) Backlight**			
Screen Active Area (1)	W x H: 575mm x 323mm / 22.64" x 12.72" Diagonal: 660mm / 26.0"	W x H: 698mm x 392mm / 27.48" x 15.43" Diagonal: 800mm / 31.5"	W x H: 930mm x 523mm / 36.61" x 20.59" Diagonal: 1067mm / 42.0"	W x H: 1018mm x 573mm / 40.08" x 22.56" Diagonal: 1168mm / 46.0"
Physical Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
Picture Format	16:9	16:9	16:9	16:9
Viewing Angle	Horizontal: Typical (Total) 176° (Left: 88° / Right: 88°)	Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°)	Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°)	Horizontal: Typical (Total) 176° (Left: 88° / Right: 88°)
	Vertical: Typical (Total) 176° (Up: 88° / Down: 88°)	Vertical: Typical (Total) 178° (Up: 89° / Down: 89°)	Vertical: Typical (Total) 178° (Up: 89° / Down: 89°)	Vertical: Typical (Total) 176° (Up: 88° / Down: 88°)
Video Input	HDMI 1.3 (480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p) Component (YPbPr / YCbCr) (720p, 1080i, 1080p)			
Audio Input	Line Level			
Audio Output	Speaker Output 2 x 8W RMS @ 8Ohm per channel			
Brightness	300cd/qm	400cd/qm	450cd/qm	450cd/qm
Contrast	Typical: 3000:1	Typical: 4000:1	Typical: 4000:1	Typical: 5000:1
Response Time	8.5ms	6.5ms	6.5ms	6ms
Operating Temperature	0° to 50°Celsius			
Humidity	20 - 80%			
OSD Language	Deutsch, English, Español, Français, Italiano, Português, 中文			
Certification	UL 60950-1 , CAN / CSA 22.2 - 60950-1, CB, FCC, EN 60950-1, EMC 55022, EN 6100-3-2			
Input Ports	HDMI (3 x HDMI terminal) Component Input (3 x RCA terminal, red, green, blue) USB (1 x USB terminal) RS232 (1 x D-SUB 9pin male) Line Audio (2 x RCA terminal, white, red) IR Receiver (1 x mini jack 3.5mm / 0.14")			
Output Ports	Speaker (1 x Phoenix clip 4pin) IR Output Cable (1 x mini jack 3.5mm / 0.14") IR Output LED (1 x mini jack 2.5mm / 0.10")			

(1) The visible image area in the glass or mirror is always about 3mm / 0.12" smaller in width and height than the Screen Active Area of the monitor system

TECHNICAL SPECIFICATIONS

	RT 550	RT 650	RT 840
Screen	**Display Type: Thin Film Transistor (TFT) with Light Emitting Diodes (LED) Backlight**		
Screen Active Area (1)	W x H: 1209mm x 680mm / 47.60" x 26.77" Diagonal: 1387mm / 54.6"	W x H: 1428mm x 803mm / 56.22" x 31.61" Diagonal: 1639mm / 64.5"	W x H: 1860mm x 1046mm / 73.23" x 41.18" Diagonal: 2134mm / 84.0"
Physical Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Picture Format	16:9	16:9	16:9
Viewing Angle	Horizontal: Typical (Total) 176° (Left: 88° / Right: 88°)	Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°)	Horizontal: Typical (Total) 178° (Left: 89° / Right: 89°)
	Vertical: Typical (Total) 176° (Up: 88° / Down: 88°)	Vertical: Typical (Total) 178° (Up: 89° / Down: 89°)	Vertical: Typical (Total) 178° (Up: 89° / Down: 89°)
Video Input	HDMI 1.3 (480i, 480p, 576i, 576p, 720i, 720p, 1080i, 1080p) Component (YPbPr / YCbCr) (720p, 1080i, 1080p)		
Audio Input	Line Level		
Audio Output	Speaker Output 2 x 8W RMS @ 8Ohm per channel		
Brightness	450cd/qm	360cd/qm	350cd/qm
Contrast	Typical: 4000:1	Typical: 4000:1	Typical: 1400:1
Response Time	4.5ms	6ms	8ms
Operating Temperature	0° to 50° Celsius		
Humidity	20 - 80%		
OSD Language	Deutsch, English, Español, Français, Italiano, Português, 中文		
Certification	UL 60950-1 , CAN / CSA 22.2 - 60950-1, CB, FCC, EN 60950-1, EMC 55022, EN 6100-3-2		
Input Ports	HDMI (3 x HDMI terminal) Component Input (3 x RCA terminal, red, green, blue) USB (1 x USB terminal) RS232 (1 x D-SUB 9pin male) Line Audio (2 x RCA terminal, white, red) IR Receiver (1 x mini jack 3.5mm / 0.14")		
Output Ports	Speaker (1 x Phoenix clip 4pin) IR Output Cable (1 x mini jack 3.5mm / 0.14") IR Output LED (1 x mini jack 2.5mm / 0.10")		

(1) The visible image area in the glass or mirror is always about 3mm / 0.12" smaller in width and height than the Screen Active Area of the monitor system

Integrated Media Player (USB)	Supported Formats
Photo	BMP (max. display resolution 3000 x 3000, min. display resolution 100 x 100), supported mono color, 16 color, 256 color, 16 bit, 24 bit, 32 bit
	JPG / JPE (max. display resolution 3000 x 3000, min. display resolution 100 x 100)
	PNG (max. display resolution 1000 x 1000, min. display resolution 100 x 100)
Movie	MPEG 1 / 2 (MPG / MPE / VOB / DAT / TRP / TS), max. bit rate 9.8 Mbps
	MPEG 4 (AVI / MP4 / DIVX4 / DIVX5 / XVID), max. bit rate 6 Mbps, max. display resolution 720 x 576p
Music	AAC (M4A / AAC), sample rate 16k - 48k, bit rate 32k - 192k
	MP3, sample rate 8k - 48k, bit rate 32k - 320k
	WMA / ASF, sample rate 8k - 48k, bit rate 32k - 320k

TECHNICAL SPECIFICATIONS

Installation	
Physical Installation	ad notam recommends minimum two people installing the equipped glass or mirror.
Electrical Installation	An electrician is required to accomplish the electrical installation.

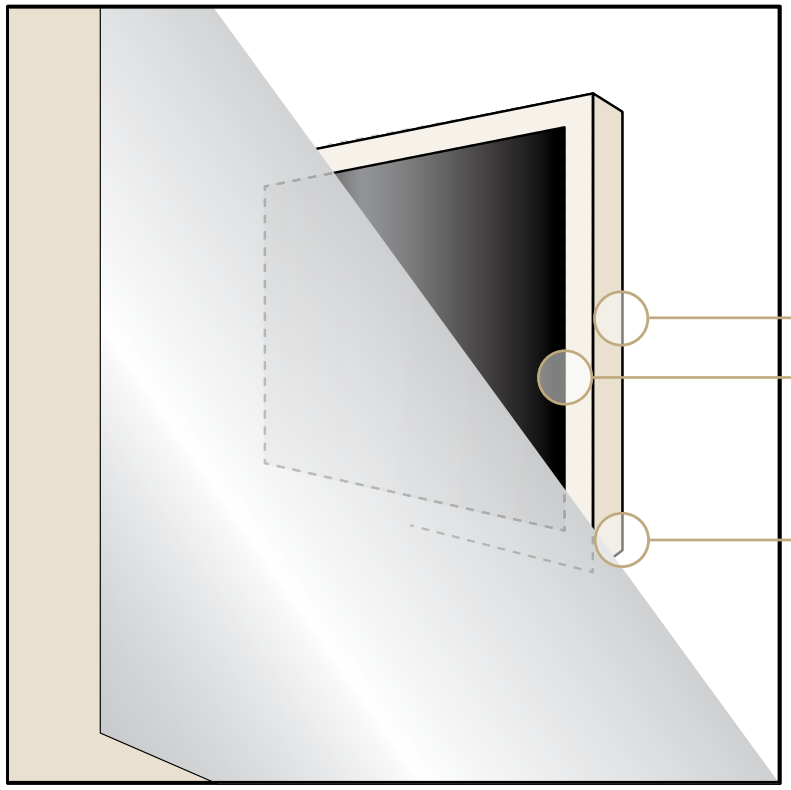
Crystal Mirror	Tolerances	Application Characteristics	Cleaning Note
	If the difference between the ordered dimensions and actual received product exceeds 2mm / 0.08" in measurement of the height and width, the material is defective. In this case the glass may be exchanged at no charge.	ad notam glass and mirror types are suitable in moist areas but for indoor use only! Standard products are not usable in public facilities or in public places. Please consider this with your order or planning. Installation and mounting guidelines for glass have to be considered! Upon request authorized retailers can be supported with training!	Do not use any rubbing cleaning materials! Use only a clean and dust-free cloth, by using standard glass detergents! Check the material specification!

Magic Mirror Crystal Clear	Tolerances	Application Characteristics	Cleaning Note
	If the difference between the ordered dimensions and actual received product exceeds 2mm / 0.08" in measurement of the height and width, the material is defective. In this case the glass may be exchanged at no charge. Slightly optical irritations on the surface of the material may appear as accumulations of multi-colored stripes. This is due to the characteristics of the material and it is not possible to avoid or clean this effect. In the "OFF" position, the monitor system is replaced by a reflective surface that varies slightly from the rest of the mirror. Please note that due to the material properties, the brightness of the monitor system and the reflectivity of the mirror are somewhat affected.	ad notam glass and mirror types are suitable in moist areas but for indoor use only! Standard products are not usable in public facilities or in public places. Please consider this with your order or planning. The mirror is suitable in moist areas but it must not be exposed to a continous flow of water as for example in showers. Due to the material properties, the mirror also must not be exposed to direct sunlight. Installation and mounting guidelines for glass have to be considered! Upon request authorized retailers can be supported with training!	Do not use any rubbing cleaning materials! Use only a clean and dust-free cloth, by using standard glass detergents! Check the material specification!

Magic Mirror	Tolerances	Application Characteristics	Cleaning Note
	If the difference between the ordered dimensions and actual received product exceeds 2mm / 0.08" in measurement of the height and width, the material is defective. In this case the glass may be exchanged at no charge. Slightly optical irritations on the surface of the material may appear as accumulations of very small black spots. This is due to the characteristics of the material and it is not possible to avoid or clean this effect. Please check immediately after receiving your goods if any one of these accumulations exceeds an area of 3 square centimeter / 0.46 square inches. Please note that due to the material properties, the brightness of the monitor system and the reflectivity of the mirror are somewhat affected.	ad notam glass and mirror types are suitable in moist areas but for indoor use only! Standard products are not usable in public facilities or in public places. Please consider this with your order or planning. The mirror is suitable in moist areas but it must not be exposed to a continous flow of water as for example in showers Due to the material properties, the mirror also must not be exposed to direct sunlight. Installation and mounting guidelines for glass have to be considered! Upon request authorized retailers can be supported with training!	Do not use any rubbing cleaning materials! Use only a clean and dust-free cloth, by using standard glass detergents! Check the material specification!

Colored Glass	Tolerances	Application Characteristics	Cleaning Note
	If the difference between the ordered dimensions and actual received product exceeds 2mm / 0.08" in measurement of the height and width, the material is defective. In this case the glass may be exchanged at no charge.	ad notam glass and mirror types are suitable in moist areas but for indoor use only! Standard products are not usable in public facilities or in public places. Please consider this with your order or planning. Installation and mounting guidelines for glass have to be considered! Upon request authorized retailers can be supported with training!	Do not use any rubbing cleaning materials! Use only a clean and dust-free cloth, by using standard glass detergents! Check the material specification!

PRODUCT HIGHLIGHTS



Custom Mounting System
Provides placement versatility, easy installation and servicing at one price.

Flush Fitted Monitor
The D.O.G (direct on glass) mounting system enables gapless installation between the glass or mirror and the screen, resulting in a crystal clear picture.

Ventilation and Airing
The ad notam system requires no ventilation and airing. This allows low power consumption and silent operation.

Thermal Board
Thanks to German engineered temperature regulator PVC, the ad notam monitor systems supersede the 40°C maximal operational temperature of generic displays.

Harsh Environments
ad notam systems are low voltage products (12V or 24V DC) and rated IP X4 and X5 after installation - safe for operation in bathroom environments.

External Power Supply
All ad notam systems feature an external low voltage power supply that facilitates service and regulates the heat sync.

Intellectual Property

ad notam is a licensee of MIRROR IMAGE AG, Switzerland. The company observes, protects and licenses intellectual property regarding patents related to mirror and glass surfaces „having a portion in form of an information provider" as a flat screen or display integrated behind, with any „moving image" as media and/or advertorial content.

For further information visit the corporate website:
http://www.mirror-image.biz

DESIGNED IN GERMANY

INTERACTIVE MULTIMEDIA SYSTEMS COMPATIBILITY

Integrated in interactive multimedia systems

Our products have successfully been integrated in interactive multimedia systems of multiple hospitality TV, IPTV and home automation providers. Please see the list of our selected partners. The common interactive multimedia solutions have been applied in many prestigious projects all over the world. We guarantee the compatibility of our monitor systems with all interactive multimedia interfaces as long as the implementation will be through RS232, RJ12, or IR.

ad notam has different remote control options in the portfolio including learning, water resistant and waterproof solutions.

Customize your own remote control

For project business (> 250pcs) it is possible to adapt the remote control to your corporate identity and/or design with your individual logo and branding. In addition the assignment of the remote control keys can be customized to your requirements.

acentic
amino
AMX
CRESTRON
DEUROMEDIA
NTT docomo
DOCOMO interTouch
Enseo
eona
HOIST TECHNOLOGY
iBAHN
KoolConnect
LOCATEL ENTERTAINMENT HOSPITALITY SYSTEM
NOMADIX A Subsidiary of docomo DOCOMO InterTouch
Quadriga
RTI It's Under Control
swisscom
teleadapt Keeping Your World Connected

SPECIAL FEATURES AND HOTEL MODE

The Service menu of the ad notam on screen display menu offers options to determine fundamental settings based on personal preferences. Adjustment options include:

Boot Power Option
The Boot Power Option setting determines how the product boots after a power interruption. Available options are: Power On, Last, Standby.

OSD Access
With the OSD Access setting you can deactivate the OSD menu. This will prevent users to access the OSD (e.g. in a hotel).

Start Logo
With the Start Logo setting you can (de-)activate the ad notam start-up logo (Splash Screen), when screen is turning on.

IR Address Code
Within the IR Address Code menu you can determine an individual remote address code according to your preferences. Available parameters are from 0 to 254. This option is helpful when several screens are installed next to each other in order to prevent duplicate control.

Input Scan
With the Input Scan setting turned to On you can activate the automatic scan of the input ports for input sources. If there is no signal at the currently selected port the screen searches for signals on the other ports in the following order: HDMI 1, 2, 3, Component. If a signal is found then the screen will select this port. See also Signal Loss Timer.

Signal Loss Timer
With the Signal Loss Timer setting you can set the time the Input Scan will be performed. If Signal Loss Timer is set to the off position, the search will continue indefinitely or until a signal is found. If Signal Loss Timer is set to 5, 10, 30, 60, 120 seconds the screen switches to standby mode if no alternative signal was found within the chosen time.

Volume Limit
With the Volume Limit setting you can determine a maximum volume according to your preferences. This setting is useful to prevent a user from increasing the volume above a certain level e.g. in a hotel not to disturb neighboring rooms.

Input Ports
Within the Service menu you also have the possibility to (de-)activate the input ports. If an input port is set to Off it will not be accessible in the Input Source Selection. Available input ports: HDMI 1, HDMI 2, HDMI 3, COMPONENT (YPbPr), USB.

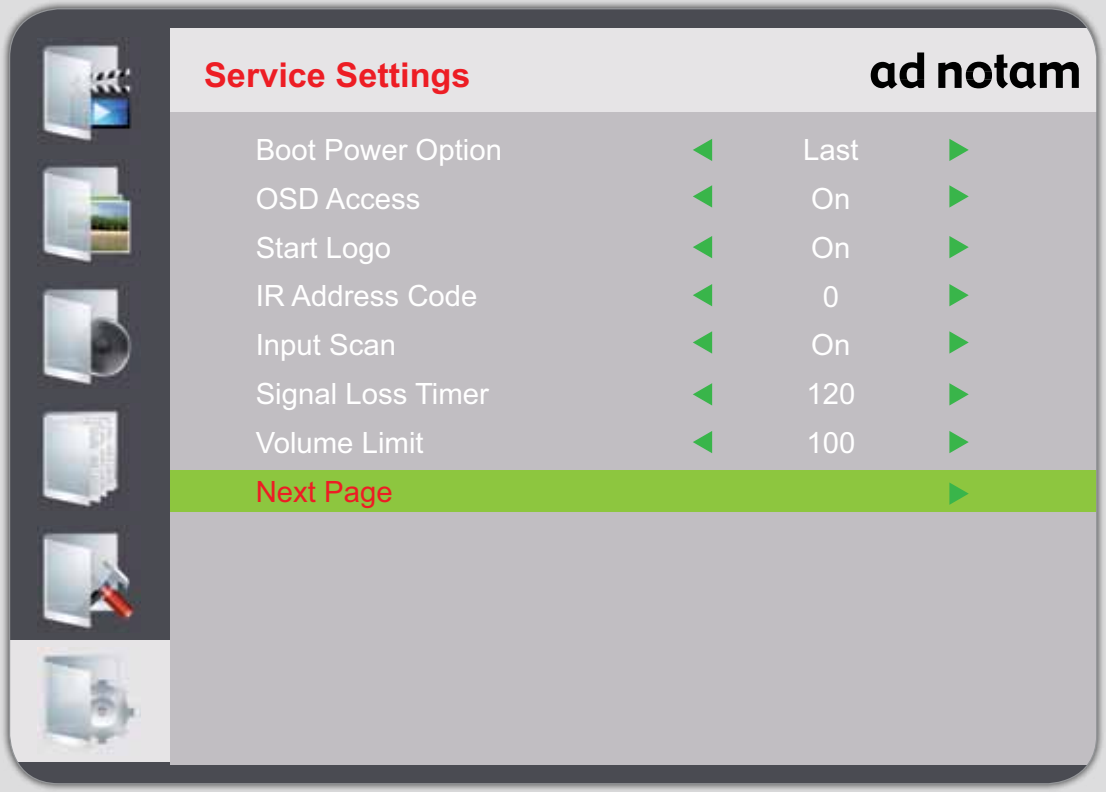
HDMI CEC
With the HDMI CEC (Consumer Electronics Control) setting you can enable or disable the screen to be controlled with the remote control of a CEC compatible connected external media source.

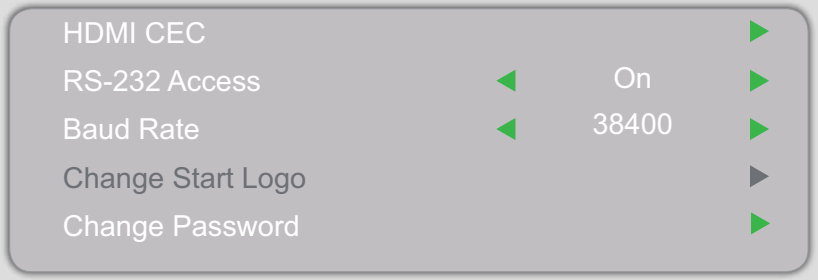
RS-232 Access
With the RS-232 Access setting you can (de-)activate the RS-232 functionality. With RS-232 commands the screen can be controlled by interactive multimedia solutions like home automation or hospitality TV systems.

Baud Rate
Set the Baud Rate to your preferred setting. It has to be equal to the value of your external device. Your options: 9.600, 19.200, 38.400. Default is 38.400.

Change Start Logo
This option allows customers to change the Start Logo (Splash Screen) to their own logo.

OSD MENU SERVICE SETTINGS





WARRANTY

ad notam®

WARRANTY CERTIFICATE

Dear Customer,

you have purchased a high-quality product which is subject to strict quality tests and inspections based on our product specifications. For more information about ad notam please visit our corporate website: http://www.ad-notam.com

Date Delivered to Customer: _____

Model No.: _____

Serial No.: _____

Customer Name: _____

Contact No.: _____

Address: _____

Dealer´s Name: _____

Invoice No.: _____

Date of Purchase: _____

This worldwide Warranty Certificate and proof of purchase must be presented at an authorized ad notam repair service or dealer station before any repair can be made under the conditions of warranty. In addition to the one year Worldwide Warranty issued by ad notam AG, Germany, the European Warranty is valid for two years from the date of purchase. Please notice that this additional warranty does not affect the customer´s statutory rights.

STANDARD WARRANTY

24 months from the date of purchase from an authorized ad notam reseller.

EXTENDED WARRANTY

Extend the warranty coverage up to 36 months, giving you a fixed-term, fixed-cost service solution. For more information contact your authorized ad notam reseller.

INSTALLATION SERVICE

ad notam offers on-site installation service. For more information contact your authorized ad notam reseller.

INVENTOR AND MANUFACTURER QUALITY

All our products are built and sold with industrial grade standards.

COMPLETE INVENTOR AND MANUFACTURER WARRANTY

The products are factory calibrated for installation. Our manufacturer warranty reflects on the screen installation versatility.

DISCLAIMER OF WARRANTY

ad notam makes no representations or warranties, either expressed or implied, by or concerning any content of these written materials or software, and in no case shall be liable for any impelled warranty purchase are all completed or the original invoice or the sales receipt of merchantability or fitness for any particular purpose or for any consequential, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) arising from the use of inability to use these written materials or software. Some states do not allow the exclusion or limitation of liability for consequential or incidental damages, so the above limitations may not apply to you.

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NOTES

NOTES

NOTES

ad notam®

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Web: www.ad-notam.com